



State of Utah

Department of Natural Resources

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

Representatives Present During the Inspection:

Company	Charles Reynolds	Resident Agent
Company	Mark Reynolds	Resident Agent
OGM	Pete Hess	Environmental Scientist III

Inspection Report

Permit Number:	C0150025
Inspection Type:	COMPLETE
Inspection Date:	Monday, September 19, 2005
Start Date/Time:	9/19/2005
End Date/Time:	9/21/2005
Last Inspection:	Tuesday, August 09, 2005

Inspector: Pete Hess, Environmental Scientist III

Weather: 9/19, sunny, clear; 9/21, overcast; rainy.

InspectionID Report Number: 728

Accepted by: whedberg
9/30/2005

Permittee: **CO-OP MINING CO**

Operator: **CO-OP MINING CO**

Site: **BEAR CANYON MINE**

Address: **PO BOX 1245, HUNTINGTON UT 84528**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

Current Acreages

3,336.18	Total Permitted
36.64	Total Disturbed
	Phase I
	Phase II
	Phase III

Mineral Ownership

- ☒ Federal
☐ State
☐ County
☒ Fee
☐ Other

Types of Operations

- ☒ Underground
☐ Surface
☐ Loadout
☐ Processing
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The Permittee continues to submit quarterly water monitoring information in an electronic form to the Division electronic web site, meeting the requirements included in Attachment "A" of the current State permit.

There are no compliance actions currently pending for the Bear Canyon Mines permit area.

The Permittee has recently submitted an application to add 7,500 acres to the permit area; same incorporates coals associated with Federal leases U-024316, U-61049, U-46484, and U-61048. 2,740 acres of private property are also included.

Inspector's Signature

Date Wednesday, September 21, 2005

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

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Inspection Continuation Sheet

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REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
 - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
 - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Signs and Markers

The Permittee identification sign located on the gate at the end of the County road needs some refurbishment. The middle number of the telephone prefix has faded to the point it is very difficult to read. This is an easy fix which needs to be completed.

4.b Hydrologic Balance: Sediment Ponds and Impoundments

The Permittee conducted the second quarter of 2005 impoundment inspections for the site's four sediment ponds and three catch basins on June 25, 2005. Based upon the review of the Permittee's inspection reports for these impoundments, the sediment level in Pond "B" is nearly at the 60% clean out elevation. The Permittee's schedule for cleaning the pond was discussed; the pond will hopefully be cleaned this coming weekend. Ponds "A", "C", and "D" all have adequate sediment storage capacity remaining. Catch basin #2, located adjacent to the Wild Horse Ridge run-of-mine coal storage silo, was cleaned on September 18, 2005. The "as-built" recertification inspection for this impoundment is pending. There were no compliance actions noted for any of the site's impoundments.

4.d Hydrologic Balance: Water Monitoring

The Permittee was reminded that the second quarter water monitoring information is due to the Division by September 30, 2005. Mr. Mark Reynolds indicated that all information had been obtained and was ready to be put into the "pipeline".

8. Noncoal Waste

The Permittee noted on September 19, 2005 that the #3 Mine material storage pad had an excessive number of wooden pallets in storage; some ground cleanup was also needed in the area. Mr. Charles Reynolds indicated that the area would be cleaned the same day. This was confirmed as having been completed on September 21st.

11. Contemporaneous Reclamation

The installation of erosion control matting on the backfilled #2 Mine (Tank seam) road is approximately 85% complete. Although matting has been placed to where the backfill ends, small areas remain to be completed. The Division suggested that the Permittee install more rock on the matting to help hold it in place. At present, canyon winds may place the matting in disarray. Pictures of the reclaimed road were taken.

12. Backfilling And Grading

A pile of backfill material remains on the storage pad where the Permittee intends to store longwall components, (pad inby the #1 Mine de-energized electrical substation). The Permittee intends to utilize this by extending the backfill on the Tank seam access road further down the canyon. The area will be used to store components for the longwall when they arrive.

14. Subsidence Control

The Permittee intends to use both aerial and GPS methods to evaluate subsidence for the 2005 report. The GPS monitoring will be helpful, as a surface walkover will also be completed at the same time. The fact that the Division will require an analysis of the submitted monitoring data was discussed with Mr. Mark Reynolds. Mr. Reynolds also indicated that it is the Permittee's intent to convert from the NAD27 to the NAD86 State plane coordinate system for mapping purposes. This will be done through the required permitting process.

18. Support Facilities, Utility Installations

It was noted during the engineering review of Task ID #2292 that Appendix 5A in the reformatted version of the Bear Canyon mining and reclamation plan needs to be made current. Some of the facilities listed are listed as proposed, and have since been constructed during the development of the Wild Horse Ridge area of the Bear Canyon permit area. This has been noted as a deficiency in the Task ID #2922 review and will be addressed accordingly.

22. Other

Two Musk thistle plants (a noxious weed) were observed on the topsoil storage pile located adjacent to the #4 Mine portal pad. Mr. Reynolds indicated that the past practice for these was to clip the seed head, and place it in a bag for disposal. The Division indicated that this practice needs to be re-initiated before the species proliferates. Mr. Reynolds agreed.